

## Section 10. International Energy

**Crude Oil Production.** World crude oil production during July 2001 was 69 million barrels per day, up by 2.4 million barrels per day from the level in the previous month.

Organization of Petroleum Exporting Countries (OPEC) production during July 2001 averaged 28 million barrels per day, up by 1.2 million barrels per day from the level during the previous month. During July 2001, production increased in Iraq by 1.0 million barrels per day; Saudi Arabia by 200 thousand barrels per day; Iran by 90 thousand barrels per day; and both Libya and Algeria by 10 thousand barrels per day. Production decreased in Nigeria by 65 thousand barrels per day; the United Arab Emirates by 20 thousand barrels per day; Indonesia by 12 thousand barrels per day; and both Venezuela and Kuwait by 10 thousand barrels per day. Production remained unchanged in Qatar.

Among the non-OPEC nations, production during July 2001 increased in Mexico by 509 thousand barrels per day; the United Kingdom by 242 thousand barrels per day; Russia by 168 thousand barrels per day; Norway by 133 thousand barrels per day; the United States by 7 thousand barrels per day; and Egypt by 3 thousand barrels per day. Production decreased in China by 34 thousand barrels per day and Canada by 6 thousand barrels per day.

**Petroleum Consumption.** In May 2001, consumption in all Organization for Economic Cooperation and Development (OECD) countries was 41.6 million barrels per day, less than 1 percent<sup>1</sup> lower than the May 2000 rate. Comparing May rates in 2001 and 2000, consumption was higher in 2001 in the United Kingdom (+3 percent); France (+2 percent); Germany (+1 percent); and Japan (less than +1 percent). The May 2001 consumption rate was lower in Canada (-5 percent) and Italy and the United States (both -1 percent), compared with the rate 1 year earlier.

**Petroleum Stocks.** For all OECD countries, petroleum stocks at the end of May 2001 totaled 3.6 billion barrels, 2 percent higher than the ending stock level in May 2000. Stock levels were higher in May 2001 in Canada and Italy (each +7 percent); the United Kingdom (+4 percent); and the United States and Japan (each +2 percent). Stock levels were lower in Germany (-4 percent) and France (-1 percent), compared with levels 1 year earlier.

**Nuclear Electricity Generation.** Based on *Nucleonics Week*<sup>2</sup> information for July 2001, all reporting countries with nuclear capacity generated 212.6 gross terawatthours (one terawatthour equals 1 billion kilowatthours) of nuclear-generated electricity.

As of July 31, 2001, there were 439 operable nuclear generating units in the world.

<sup>1</sup> Percentage changes are based on unrounded data.

<sup>2</sup> A copyrighted publication of The McGraw-Hill Publishing Companies, Inc. Used with permission.

**Table 10.1a World Oil Production: OPEC Members**

(Thousand Barrels per Day)

	Algeria	Indonesia	Iran	Iraq	Kuwait <sup>a</sup>	Libya	Nigeria	Qatar	Saudi Arabia <sup>a</sup>	United Arab Emirates	Venezuela	OPEC <sup>b</sup>
1973 Average .....	1,097	1,339	5,861	2,018	3,020	2,175	2,054	570	7,596	1,533	3,366	30,629
1974 Average .....	1,009	1,375	6,022	1,971	2,546	1,521	2,255	518	8,480	1,679	2,976	30,351
1975 Average .....	983	1,307	5,350	2,262	2,084	1,480	1,783	438	7,075	1,664	2,346	26,771
1976 Average .....	1,075	1,504	5,883	2,415	2,145	1,933	2,067	497	8,577	1,936	2,294	30,327
1977 Average .....	1,152	1,686	5,663	2,348	1,969	2,063	2,085	445	9,245	1,999	2,238	30,893
1978 Average .....	1,231	1,635	5,242	2,563	2,131	1,983	1,897	487	8,301	1,831	2,165	29,464
1979 Average .....	1,224	1,591	3,168	3,477	2,500	2,092	2,302	508	9,532	1,831	2,356	30,581
1980 Average .....	1,106	1,577	1,662	2,514	1,656	1,787	2,055	472	9,900	1,709	2,168	26,606
1981 Average .....	1,002	1,605	1,380	1,000	1,125	1,140	1,433	405	9,815	1,474	2,102	22,481
1982 Average .....	987	1,339	2,214	1,012	823	1,150	1,295	330	6,483	1,250	1,895	18,778
1983 Average .....	968	1,343	2,440	1,005	1,064	1,105	1,241	295	5,086	1,149	1,801	17,497
1984 Average .....	1,014	1,412	2,174	1,209	1,157	1,087	1,388	394	4,663	1,146	1,798	17,442
1985 Average .....	1,037	1,325	2,250	1,433	1,023	1,059	1,495	301	3,388	1,193	1,677	16,181
1986 Average .....	945	1,390	2,035	1,690	1,419	1,034	1,467	308	4,870	1,330	1,787	18,275
1987 Average .....	1,048	1,343	2,298	2,079	1,585	972	1,341	293	4,265	1,541	1,752	18,517
1988 Average .....	1,040	1,342	2,240	2,685	1,492	1,175	1,450	346	5,086	1,565	1,903	20,324
1989 Average .....	1,095	1,409	2,810	2,897	1,783	1,150	1,716	380	5,064	1,860	1,907	22,071
1990 Average .....	1,175	1,462	3,088	2,040	1,175	1,375	1,810	406	6,410	2,117	2,137	23,195
1991 Average .....	1,230	1,592	3,312	305	190	1,483	1,892	395	8,115	2,386	2,375	23,275
1992 Average .....	1,214	1,504	3,429	425	1,058	1,433	1,943	423	8,332	2,266	2,371	24,398
1993 Average .....	1,162	1,511	3,540	512	1,852	1,361	1,960	413	8,198	2,159	2,450	25,119
1994 Average .....	1,180	1,510	3,618	553	2,025	1,378	1,931	415	8,120	2,193	2,588	25,510
1995 Average .....	1,202	1,503	3,643	560	2,057	1,390	1,993	442	8,231	2,233	2,750	26,004
1996 Average .....	1,242	1,547	3,686	579	2,062	1,401	2,001	510	8,218	2,278	2,938	26,461
1997 Average .....	1,277	1,520	3,664	1,155	2,083	1,446	2,332	649	8,562	2,316	3,315	28,320
1998 Average .....	1,246	1,518	3,634	2,150	2,085	1,390	2,153	696	8,389	2,345	3,167	28,774
1999 January .....	1,230	1,508	3,665	2,515	1,995	1,360	2,080	666	8,065	2,239	3,019	28,342
February .....	1,240	1,488	3,925	2,655	2,005	1,360	2,010	666	8,165	2,329	2,999	28,842
March .....	1,250	1,498	3,795	2,430	2,020	1,360	2,160	742	8,220	2,234	2,960	28,669
April .....	1,210	1,498	3,485	2,655	1,785	1,320	2,160	675	7,665	2,180	2,800	27,433
May .....	1,190	1,498	3,435	2,705	1,815	1,300	2,190	656	7,665	2,130	2,780	27,364
June .....	1,180	1,478	3,415	2,355	1,830	1,290	2,150	627	7,610	2,110	2,760	26,805
July .....	1,180	1,458	3,515	2,805	1,830	1,290	2,130	656	7,610	2,130	2,760	27,364
August .....	1,190	1,448	3,535	2,855	1,860	1,290	2,140	656	7,710	2,140	2,760	27,584
September ...	1,190	1,448	3,485	2,855	1,885	1,300	2,150	656	7,735	2,145	2,760	27,609
October .....	1,190	1,448	3,535	2,670	1,925	1,310	2,170	656	7,845	2,145	2,760	27,654
November .....	1,190	1,448	3,485	2,205	1,905	1,320	2,160	656	7,865	2,105	2,780	27,119
December .....	1,190	1,448	3,435	1,405	1,922	1,330	2,050	666	7,863	2,155	2,780	26,243
Average .....	1,202	1,472	3,557	2,508	1,898	1,319	2,130	665	7,833	2,169	2,826	27,579
2000 January .....	1,190	1,460	3,465	2,215	1,962	1,330	2,010	695	7,863	2,245	2,790	27,225
February .....	1,190	1,430	3,525	2,595	2,015	1,380	2,060	705	7,865	2,250	2,850	27,865
March .....	1,190	1,430	3,735	2,215	2,040	1,390	2,080	705	7,865	2,300	2,850	27,800
April .....	1,230	1,460	3,675	2,655	2,100	1,400	2,140	715	8,100	2,380	2,900	28,755
May .....	1,240	1,490	3,685	3,055	2,100	1,400	2,110	735	8,200	2,380	2,930	29,325
June .....	1,250	1,490	3,705	2,565	2,150	1,420	2,140	735	8,250	2,280	2,950	28,935
July .....	1,250	1,490	3,750	2,525	2,170	1,425	2,180	755	8,390	2,320	2,970	29,225
August .....	1,260	1,490	3,750	2,995	2,173	1,420	2,160	755	8,823	2,380	2,980	30,185
September ...	1,250	1,490	3,755	2,875	2,170	1,430	2,110	755	8,975	2,390	2,980	30,180
October .....	1,270	1,460	3,835	3,005	2,210	1,440	2,210	760	8,800	2,410	3,050	30,450
November .....	1,265	1,450	3,830	2,815	2,215	1,440	2,260	765	8,900	2,415	3,050	30,405
December .....	1,280	1,455	3,905	1,355	2,210	1,445	2,265	765	8,800	2,420	3,080	28,980
Average .....	1,239	1,466	3,719	2,571	2,126	1,410	2,144	737	8,404	2,348	2,949	29,113
2001 January .....	1,280	1,435	3,935	1,735	2,200	1,450	2,285	775	8,700	2,440	3,100	29,335
February .....	1,250	1,440	3,785	2,195	2,130	1,400	2,255	735	8,320	2,380	3,030	28,920
March .....	1,250	1,395	3,835	2,855	2,100	1,390	2,285	735	8,300	2,420	3,000	29,565
April .....	1,235	R 1,352	3,785	2,930	2,010	1,380	2,210	715	7,950	2,330	2,920	R 28,817
May .....	1,250	R 1,362	3,685	2,905	1,993	1,360	2,140	725	8,000	2,277	2,890	R 28,587
June .....	1,270	R 1,382	3,785	1,105	2,030	1,370	2,205	735	8,050	2,260	2,900	R 27,092
July .....	1,280	1,370	3,875	2,145	2,020	1,380	2,140	735	8,250	2,240	2,890	28,325
7-Mo. Avg. ..	1,259	1,390	3,813	2,271	2,069	1,390	2,217	737	8,225	2,335	2,961	28,666
2000 7-Mo. Avg. ..	1,220	1,465	3,649	2,545	2,077	1,392	2,103	721	8,077	2,308	2,892	28,449
1999 7-Mo. Avg. ..	1,211	1,489	3,602	2,588	1,896	1,325	2,127	670	7,855	2,192	2,867	27,824

<sup>a</sup> Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1973 through July 1990 and in June 1991. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. In July 2001, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 640 thousand barrels per day.

<sup>b</sup> Current members of OPEC are Algeria, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela. Ecuador and Gabon, which withdrew from OPEC membership at the end of

1992 and 1994, respectively, are excluded from all OPEC totals.

R=Revised.

Notes: • Crude oil includes lease condensate but excludes natural gas plant liquids. • Monthly data are often preliminary figures and may not average to the annual totals because of rounding or because updates to the preliminary monthly data are not available.

Sources: See end of section.

**Table 10.1b World Oil Production: Persian Gulf Nations, Non-OPEC, and World**

(Thousand Barrels per Day)

	Persian Gulf Nations <sup>a</sup>	Selected Non-OPEC Producers									Total Non- OPEC	World	
		Canada	China	Egypt	Mexico	Norway	Former U.S.S.R.	Russia	United Kingdom	United States			
1973 Average .....	20,668	1,798	1,090	165	465	32	8,324	NA	2	9,208	25,050	55,679	
1974 Average .....	21,282	1,551	1,315	150	571	35	8,912	NA	2	8,774	25,366	55,716	
1975 Average .....	18,934	1,430	1,490	235	705	189	9,523	NA	12	8,375	26,058	52,828	
1976 Average .....	21,514	1,314	1,670	330	831	279	10,060	NA	245	8,132	27,018	57,344	
1977 Average .....	21,725	1,321	1,874	415	981	280	10,603	NA	768	8,245	28,814	59,707	
1978 Average .....	20,606	1,316	2,082	485	1,209	356	11,105	NA	1,082	8,707	30,694	60,158	
1979 Average .....	21,066	1,500	2,122	525	1,461	403	11,384	NA	1,568	8,552	32,094	62,674	
1980 Average .....	17,961	1,435	2,114	595	1,936	528	11,706	NA	1,622	8,597	32,994	59,600	
1981 Average .....	15,245	1,285	2,012	598	2,313	501	11,850	NA	1,811	8,572	33,595	56,076	
1982 Average .....	12,156	1,271	2,045	670	2,748	520	11,912	NA	2,065	8,649	34,703	53,481	
1983 Average .....	11,081	1,356	2,120	727	2,689	614	11,972	NA	2,291	8,688	35,759	53,256	
1984 Average .....	10,784	1,438	2,296	822	2,780	697	11,861	NA	2,480	8,879	37,047	54,489	
1985 Average .....	9,630	1,471	2,505	887	2,745	788	11,585	NA	2,530	8,971	37,801	53,982	
1986 Average .....	11,696	1,474	2,620	813	2,435	870	11,895	NA	2,539	8,680	37,952	56,227	
1987 Average .....	12,103	1,535	2,690	896	2,548	1,022	12,050	NA	2,406	8,349	38,149	56,666	
1988 Average .....	13,457	1,616	2,730	848	2,512	1,158	12,053	NA	2,232	8,140	38,413	58,737	
1989 Average .....	14,837	1,560	2,757	865	2,520	1,554	11,715	NA	1,802	7,613	37,792	59,863	
1990 Average .....	15,278	1,553	2,774	873	2,553	1,704	10,975	NA	1,820	7,355	37,371	60,566	
1991 Average .....	14,741	1,548	2,835	874	2,680	1,890	9,992	NA	1,797	7,417	36,932	60,207	
1992 Average .....	15,970	1,605	2,845	881	2,669	2,229	8,541	7,632	1,825	7,171	35,815	60,213	
1993 Average .....	16,715	1,679	2,890	890	2,673	2,350	—	6,730	1,915	6,847	35,117	60,236	
1994 Average .....	16,964	1,746	2,939	896	2,685	2,521	—	6,135	2,375	6,662	35,481	60,991	
1995 Average .....	17,208	1,805	2,990	920	2,618	2,768	—	5,995	2,489	6,560	36,331	62,335	
1996 Average .....	17,367	1,837	3,131	922	2,855	3,104	—	5,850	2,568	6,465	37,250	63,711	
1997 Average .....	18,470	1,922	3,200	856	3,023	3,143	—	5,920	2,518	6,452	38,100	66,420	
1998 Average .....	19,337	1,981	3,198	834	3,070	3,017	—	5,854	2,616	6,252	38,188	66,962	
<b>1999</b>	January .....	19,182	1,892	3,219	860	3,144	3,002	—	E 5,962	2,721	5,963	38,549	66,891
	February .....	19,782	1,878	3,224	860	3,020	3,004	—	E 5,897	2,728	5,966	38,369	67,211
	March .....	19,479	1,835	3,204	870	3,053	2,975	—	E 6,024	2,708	5,883	38,220	66,888
	April .....	18,482	1,832	3,179	870	2,893	2,953	—	E 6,021	2,746	5,887	38,013	65,446
	May .....	18,443	1,882	3,179	860	2,926	2,948	—	E 6,036	2,597	5,875	37,890	65,253
	June .....	17,984	1,936	3,179	850	2,801	2,727	—	E 6,026	2,429	5,760	37,398	64,202
	July .....	18,583	1,959	3,250	840	2,920	3,094	—	E 6,148	2,672	5,798	38,362	65,725
	August .....	18,793	1,906	3,159	840	2,848	2,868	—	E 6,139	2,699	5,780	38,019	65,603
	September .....	18,798	1,857	3,134	850	2,861	2,864	—	E 6,141	2,670	5,804	38,033	65,642
	October .....	18,813	1,892	3,166	840	2,766	3,070	—	E 6,153	2,762	5,947	38,503	66,156
	November .....	18,258	2,006	3,234	840	2,852	3,300	—	E 6,153	2,782	5,960	39,025	66,143
	December .....	17,482	2,002	3,214	840	2,793	3,404	—	E 6,231	2,697	5,959	39,094	65,337
	<b>Average</b> .....	<b>18,667</b>	<b>1,907</b>	<b>3,195</b>	<b>852</b>	<b>2,906</b>	<b>3,018</b>	—	E <b>6,079</b>	<b>2,684</b>	<b>5,881</b>	<b>38,291</b>	<b>65,870</b>
<b>2000</b>	January .....	18,481	1,979	3,250	740	3,032	3,233	—	E 6,239	2,721	5,784	38,938	66,163
	February .....	18,991	1,991	3,280	735	2,897	3,348	—	E 6,248	2,644	5,852	38,919	66,784
	March .....	18,896	1,892	3,280	730	2,998	3,248	—	E 6,321	2,678	5,918	39,016	66,816
	April .....	19,661	1,894	3,300	735	3,041	3,052	—	E 6,308	2,549	5,854	38,712	67,467
	May .....	20,191	1,990	3,250	725	3,040	3,149	—	E 6,352	2,311	5,847	38,625	67,950
	June .....	19,721	2,020	3,295	720	3,056	2,984	—	E 6,421	2,446	5,823	38,813	67,748
	July .....	19,946	1,986	3,280	706	2,876	3,398	—	E 6,494	2,535	5,739	39,153	68,378
	August .....	20,911	1,955	3,205	695	3,162	3,025	—	E 6,546	2,370	5,789	38,979	69,164
	September .....	20,956	2,007	3,220	690	3,173	3,012	—	E 6,590	2,315	5,758	39,009	69,189
	October .....	21,056	1,961	3,210	685	2,861	3,247	—	E 6,711	2,334	5,809	39,176	69,626
	November .....	20,976	2,029	3,206	680	2,965	3,327	—	E 6,737	2,389	5,833	39,769	70,174
	December .....	19,491	2,021	3,212	677	3,043	3,336	—	E 6,771	2,413	5,855	39,930	68,910
	<b>Average</b> .....	<b>19,941</b>	<b>1,977</b>	<b>3,249</b>	<b>710</b>	<b>3,012</b>	<b>3,197</b>	—	E <b>6,479</b>	<b>2,475</b>	<b>5,822</b>	<b>39,087</b>	<b>68,200</b>
<b>2001</b>	January .....	19,820	2,032	3,220	669	3,087	3,325	—	E 6,875	2,338	E 5,836	39,737	69,072
	February .....	19,580	2,052	3,330	659	3,136	3,153	—	E 6,966	2,279	E 5,840	39,714	68,634
	March .....	20,280	2,070	3,376	655	3,151	3,215	—	E 6,808	2,323	E 5,878	39,686	69,251
	April .....	19,755	2,046	3,302	652	3,008	3,279	—	E 6,855	2,318	E 5,854		
	May .....	19,620	2,027	3,310	596	3,031	3,011	—	E 6,917	2,262	E 5,859		
	June .....	18,000	R 1,971	R 3,312	627	3,140	R 3,013	—	E 6,956	R 2,128	E 5,799		
	July .....	19,300	1,965	3,278	630	3,649	3,146	—	E 7,124	2,370	E 5,806	40,198	68,523
	<b>7-Mo. Avg.</b> .....	<b>19,484</b>	<b>2,023</b>	<b>3,304</b>	<b>641</b>	<b>3,173</b>	<b>3,163</b>	—	E <b>6,928</b>	<b>2,289</b>	E <b>5,839</b>	<b>39,570</b>	<b>68,236</b>
	<b>2000 7-Mo. Avg.</b> .....	<b>19,414</b>	<b>1,964</b>	<b>3,276</b>	<b>727</b>	<b>2,992</b>	<b>3,202</b>	—	E <b>6,341</b>	<b>2,555</b>	<b>5,831</b>	<b>38,883</b>	<b>67,332</b>
	<b>1999 7-Mo. Avg.</b> .....	<b>18,841</b>	<b>1,888</b>	<b>3,205</b>	<b>859</b>	<b>2,966</b>	<b>2,958</b>	—	E <b>6,018</b>	<b>2,657</b>	<b>5,875</b>	<b>38,114</b>	<b>65,938</b>

<sup>a</sup> The Persian Gulf Nations are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Neutral Zone between Kuwait and Saudi Arabia is included in "Persian Gulf Nations."

R=Revised. NA=Not available. —=Not applicable. E=Estimate.

Notes: • Crude oil includes lease condensate but excludes natural gas plant liquids. • Monthly data are often preliminary figures and may not

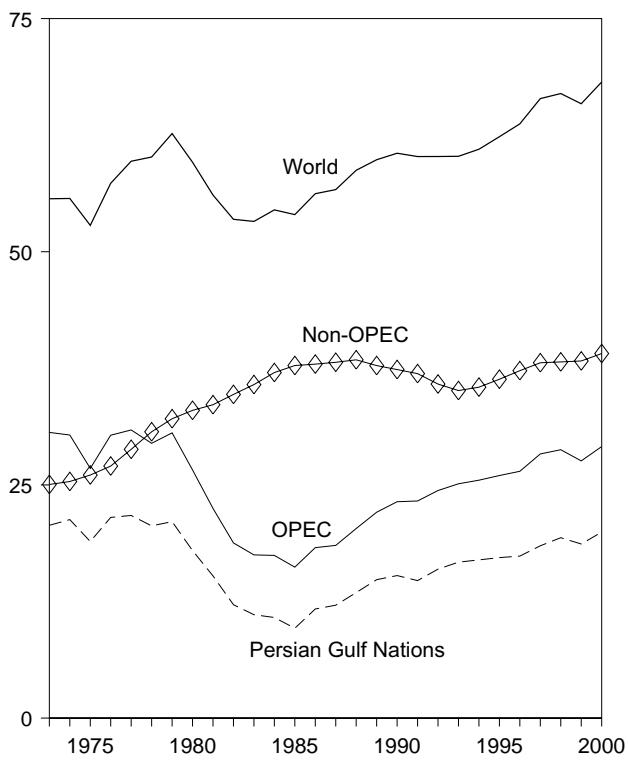
average to the annual totals because of rounding or because updates to the preliminary monthly data are not available. • Data for countries may not sum to World totals due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

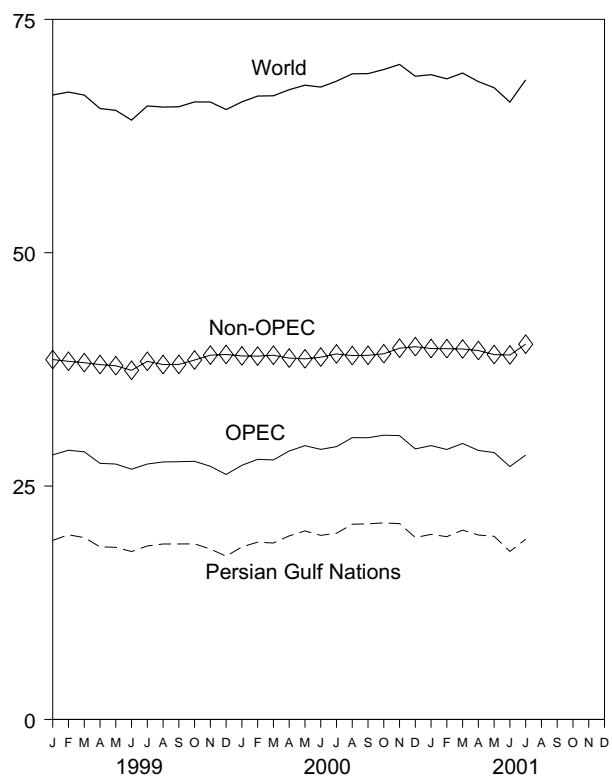
**Figure 10.1 Crude Oil Production**

(Million Barrels per Day)

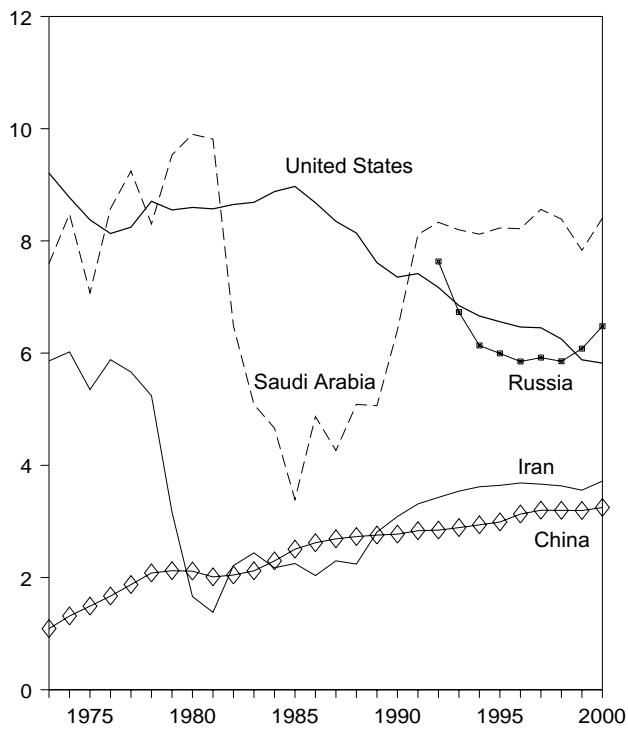
World Production, 1973-2000



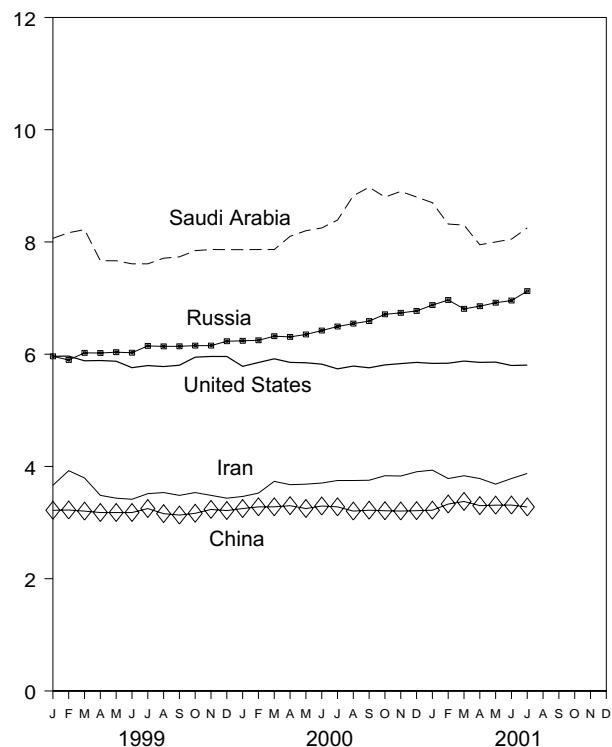
World Production, Monthly



Selected Producers, 1973-2000



Selected Producers, Monthly

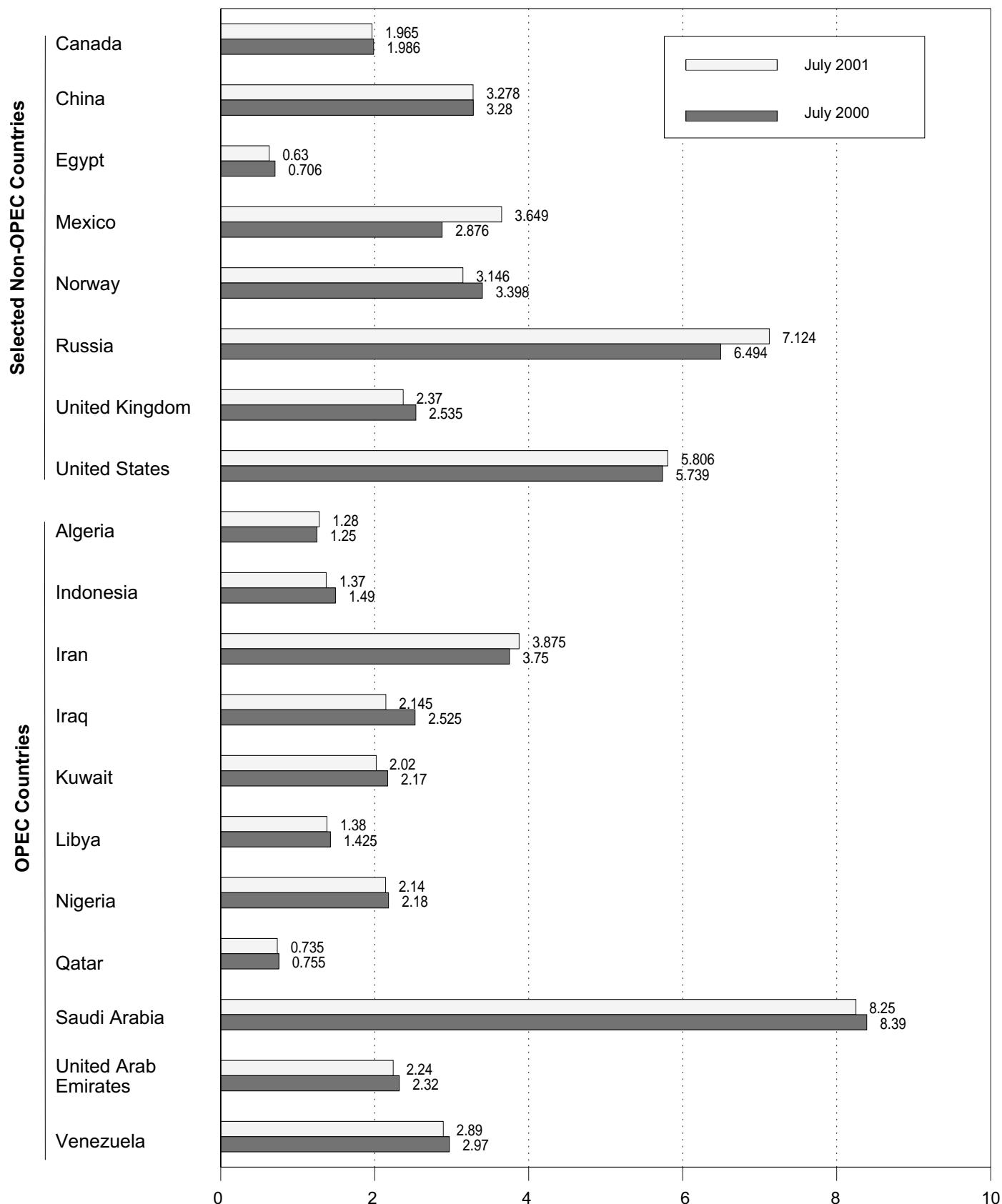


Note: OPEC is the Organization of Petroleum Exporting Countries.

Sources: Tables 10.1a and 10.1b.

**Figure 10.2 Crude Oil Production by Selected Country**

(Million Barrels per Day)

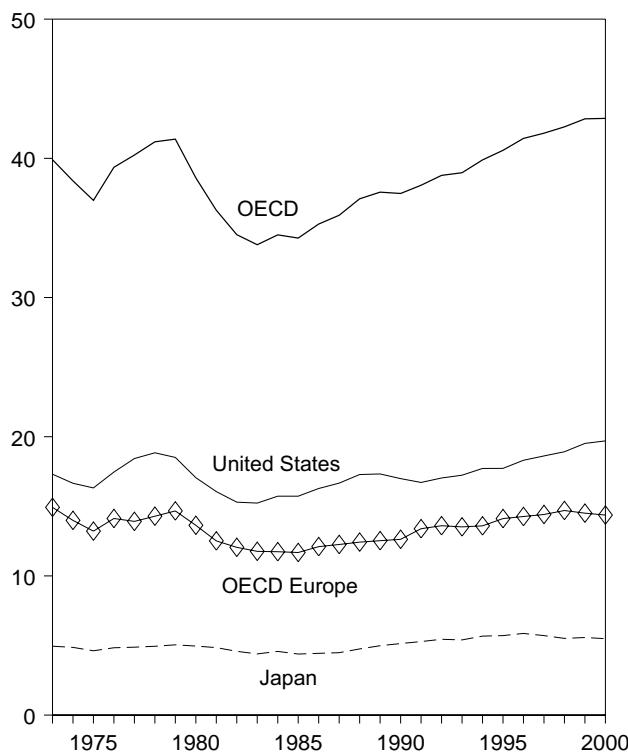


Note: OPEC is the Organization of Petroleum Exporting Countries.

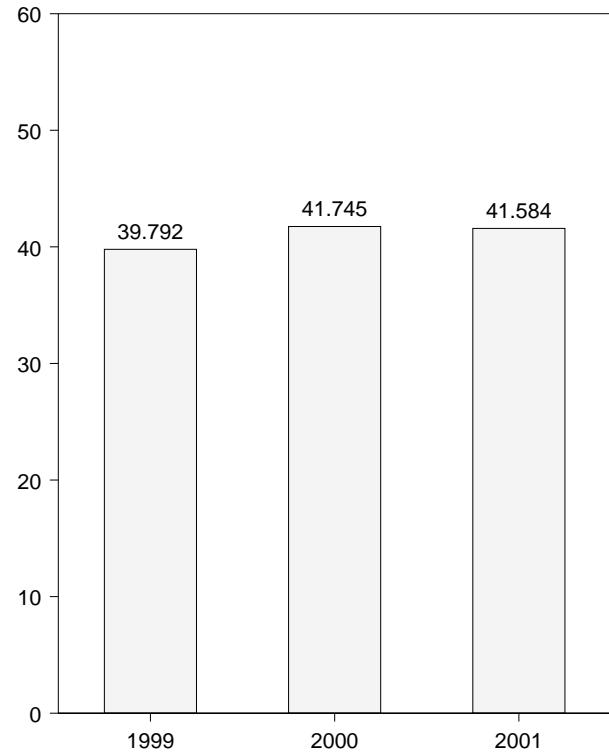
Sources: Tables 10.1a and 10.1b.

**Figure 10.3 Petroleum Consumption in OECD Countries**  
 (Million Barrels per Day)

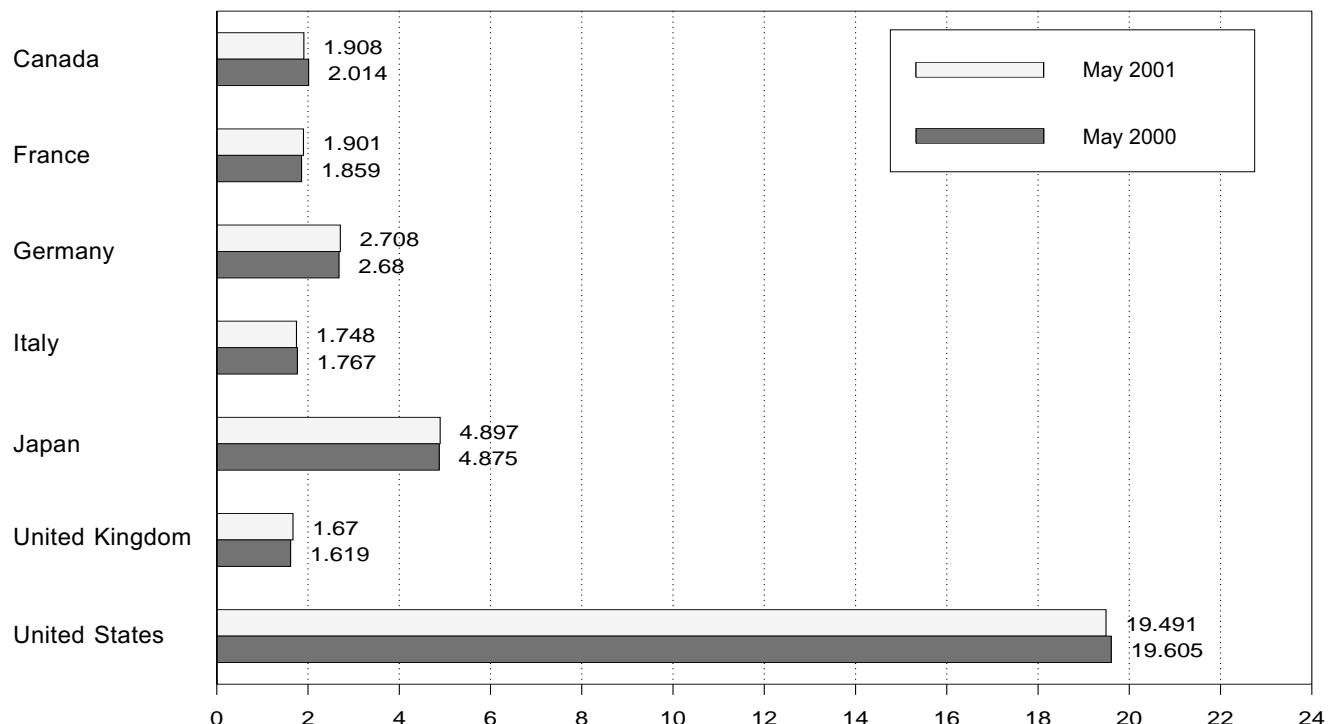
Overview, 1973-2000



OECD Total, May



By Selected OECD Country



Notes: • OECD is the Organization for Economic Cooperation and Development.  
 • Because vertical scales differ, graphs should not be compared.

Source: Table 10.2.

**Table 10.2 Petroleum Consumption in OECD Countries**

(Thousand Barrels per Day)

	Canada	France	Germany <sup>a</sup>	Italy	Japan	United Kingdom	United States	OECD Europe <sup>b</sup>	Other OECD <sup>c</sup>	OECD <sup>d</sup>
1973 Average .....	1,729	2,601	3,055	2,068	4,949	2,341	17,308	14,925	988	39,900
1974 Average .....	1,779	2,447	2,748	2,004	4,864	2,210	16,653	13,988	1,095	38,379
1975 Average .....	1,779	2,252	2,650	1,855	4,621	1,911	16,322	13,217	1,041	36,980
1976 Average .....	1,818	2,420	2,877	1,971	4,837	1,892	17,461	14,124	1,119	39,358
1977 Average .....	1,850	2,294	2,865	1,897	4,880	1,905	18,431	13,916	1,160	40,237
1978 Average .....	1,902	2,408	2,927	1,952	4,945	1,938	18,847	14,290	1,204	41,187
1979 Average .....	1,971	2,463	3,003	2,039	5,050	1,971	18,513	14,667	1,178	41,379
1980 Average .....	1,873	2,256	2,707	1,934	4,960	1,725	17,056	13,634	1,072	38,595
1981 Average .....	1,768	2,023	2,449	1,874	4,848	1,590	16,058	12,515	1,080	36,269
1982 Average .....	1,578	1,880	2,372	1,781	4,582	1,590	15,296	12,053	1,008	34,517
1983 Average .....	1,448	1,835	2,324	1,750	4,395	1,531	15,231	11,765	954	33,793
1984 Average .....	1,472	1,754	2,322	1,646	4,576	1,849	15,726	11,736	989	34,500
1985 Average .....	1,504	1,775	2,338	1,717	4,384	1,634	15,726	11,681	976	34,271
1986 Average .....	1,506	1,772	2,498	1,738	4,439	1,649	16,281	12,102	951	35,279
1987 Average .....	1,548	1,789	2,424	1,855	4,484	1,603	16,665	12,255	959	35,911
1988 Average .....	1,693	1,797	2,422	1,836	4,752	1,697	17,283	12,427	939	37,093
1989 Average .....	1,733	1,857	2,280	1,930	4,983	1,738	17,325	12,531	998	37,570
1990 Average .....	1,690	1,818	2,382	1,872	5,140	1,752	16,988	12,629	1,027	37,475
1991 Average .....	1,622	1,935	2,828	1,863	5,284	1,801	16,714	13,391	1,056	38,067
1992 Average .....	1,643	1,926	2,843	1,937	5,446	1,803	17,033	13,605	1,051	38,778
1993 Average .....	1,688	1,875	2,900	1,852	5,401	1,815	17,237	13,523	1,117	38,966
1994 Average .....	1,727	1,833	2,879	1,841	5,674	1,837	17,718	13,597	1,171	39,887
1995 Average .....	1,755	1,896	2,875	2,048	5,711	1,845	17,725	14,120	1,265	40,575
1996 Average .....	1,797	1,935	2,911	2,058	5,867	1,845	18,309	14,269	1,190	41,432
1997 Average .....	1,842	1,954	2,903	2,045	5,711	1,781	18,620	14,412	1,221	41,807
1998 Average .....	1,859	2,031	2,916	2,072	5,512	1,765	18,917	14,699	1,271	42,259
1999 January .....	1,853	2,022	2,561	2,047	5,887	1,670	19,029	14,106	1,129	42,004
February .....	1,975	2,218	3,171	2,108	6,471	1,865	19,107	15,659	1,258	44,469
March .....	1,871	2,123	3,549	2,003	6,192	1,838	19,497	15,911	1,407	44,878
April .....	1,814	2,004	2,431	1,886	5,323	1,685	19,152	13,900	1,312	41,501
May .....	1,899	1,728	2,472	1,764	4,788	1,619	18,705	13,150	1,250	39,792
June .....	1,903	2,007	2,687	1,953	4,968	1,683	19,836	14,261	1,366	42,334
July .....	1,967	1,998	2,587	1,948	5,091	1,674	19,820	13,950	1,241	42,070
August .....	1,932	1,890	2,735	1,795	5,277	1,678	20,093	13,759	1,360	42,421
September .....	2,010	1,988	2,876	2,060	5,359	1,703	19,483	14,486	1,236	42,574
October .....	1,932	2,015	2,925	1,976	5,088	1,700	19,868	14,413	1,363	42,665
November .....	2,021	2,155	2,968	2,067	5,732	1,784	19,087	15,233	1,273	43,346
December .....	2,020	2,196	2,929	2,111	6,744	1,716	20,498	15,379	1,457	46,098
Average .....	1,933	2,027	2,822	1,975	5,572	1,717	19,519	14,508	1,305	42,837
2000 January .....	1,830	2,167	2,395	1,841	5,410	1,664	19,026	13,994	1,388	41,647
February .....	2,058	2,143	2,709	2,003	6,351	1,753	19,635	14,924	1,315	44,283
March .....	1,884	2,124	2,738	1,913	6,217	1,848	19,218	14,714	1,407	43,441
April .....	1,793	1,949	2,645	1,791	5,202	1,606	18,816	13,694	1,255	40,761
May .....	2,014	1,859	2,680	1,767	4,875	1,619	19,605	13,940	1,311	41,745
June .....	1,984	1,969	2,703	1,926	4,886	1,654	20,054	14,189	1,297	42,410
July .....	1,926	1,970	2,742	1,829	5,237	1,598	19,696	13,858	1,280	41,997
August .....	2,005	1,980	3,060	1,831	5,487	1,721	20,496	14,733	1,397	44,118
September .....	2,049	1,808	2,982	1,945	5,435	1,754	19,899	14,613	1,209	43,205
October .....	2,028	2,256	2,754	1,875	5,012	1,751	19,798	14,724	1,361	42,923
November .....	2,111	2,039	2,843	1,902	5,584	1,790	19,328	14,714	1,376	43,113
December .....	2,026	1,974	2,828	1,993	6,212	1,603	20,814	14,412	1,361	44,825
Average .....	1,975	2,020	2,756	1,884	5,490	1,696	19,701	14,373	1,330	42,870
2001 January .....	R 1,987	2,172	2,662	1,821	6,037	1,680	19,900	R 14,355	1,349	R 43,629
February .....	R 1,986	2,106	2,608	1,912	6,373	1,665	19,597	R 14,341	1,396	R 43,693
March .....	R 1,868	2,014	2,760	1,800	5,853	1,766	19,892	R 14,357	1,432	R 43,402
April .....	R 1,783	2,017	2,693	1,773	5,103	1,689	19,591	R 13,958	1,354	R 41,789
May .....	1,908	1,901	2,708	1,748	4,897	1,670	19,491	13,824	1,464	41,584
5-Mo. Avg. ....	1,906	2,041	2,688	1,809	5,642	1,695	19,697	14,165	1,400	42,809
2000 5-Mo. Avg. ....	1,915	2,048	2,632	1,862	5,604	1,698	19,258	14,248	1,336	42,361
1999 5-Mo. Avg. ....	1,881	2,015	2,833	1,959	5,720	1,733	19,097	14,527	1,271	42,497

<sup>a</sup> Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

<sup>b</sup> "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

<sup>c</sup> "Other OECD" consists of Australia, New Zealand, and the U.S. Territories.

<sup>d</sup> The Organization for Economic Cooperation and Development (OECD)

consists of Canada, Japan, the United States, "OECD Europe" and "Other OECD."

R=Revised.

Notes: • Data through 1996 are final. Subsequent data are preliminary. • Totals may not equal sum of components due to independent rounding.

• U.S. geographic coverage is the 50 States and the District of Columbia.

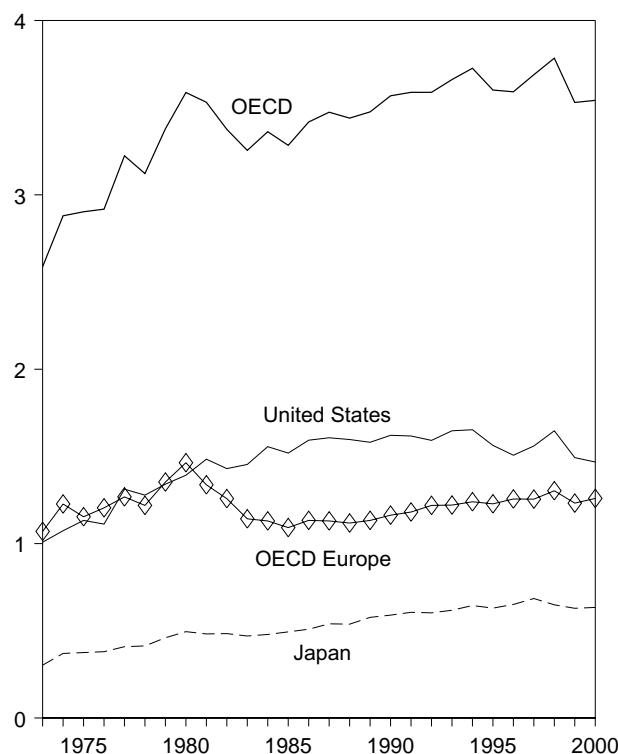
Sources: • **United States:** Table 3.1a. • **All Other Data:**

1973-1979—International Energy Agency (IEA), *Annual Oil and Gas Statistics of OECD Countries*. 1980 forward—IEA, quarterly and monthly computer tapes supporting *Quarterly Oil Statistics and Energy Balances*.

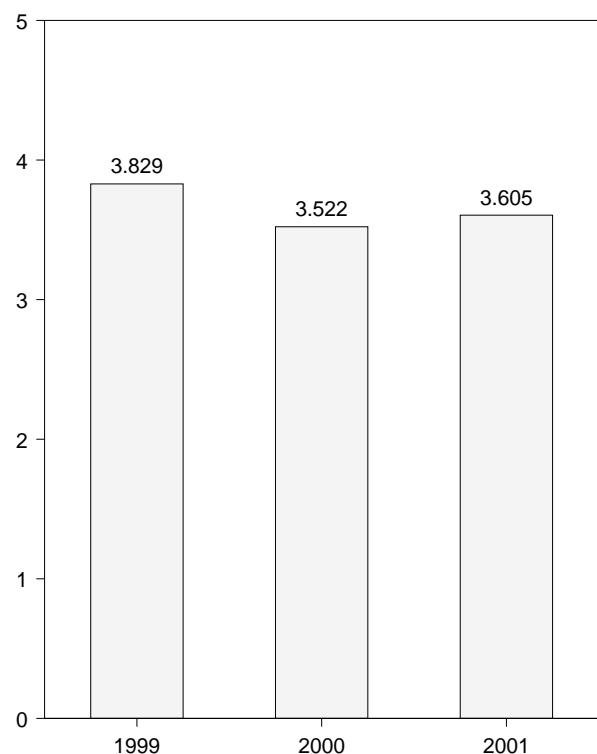
## Figure 10.4 Petroleum Stocks in OECD Countries

(Billion Barrels)

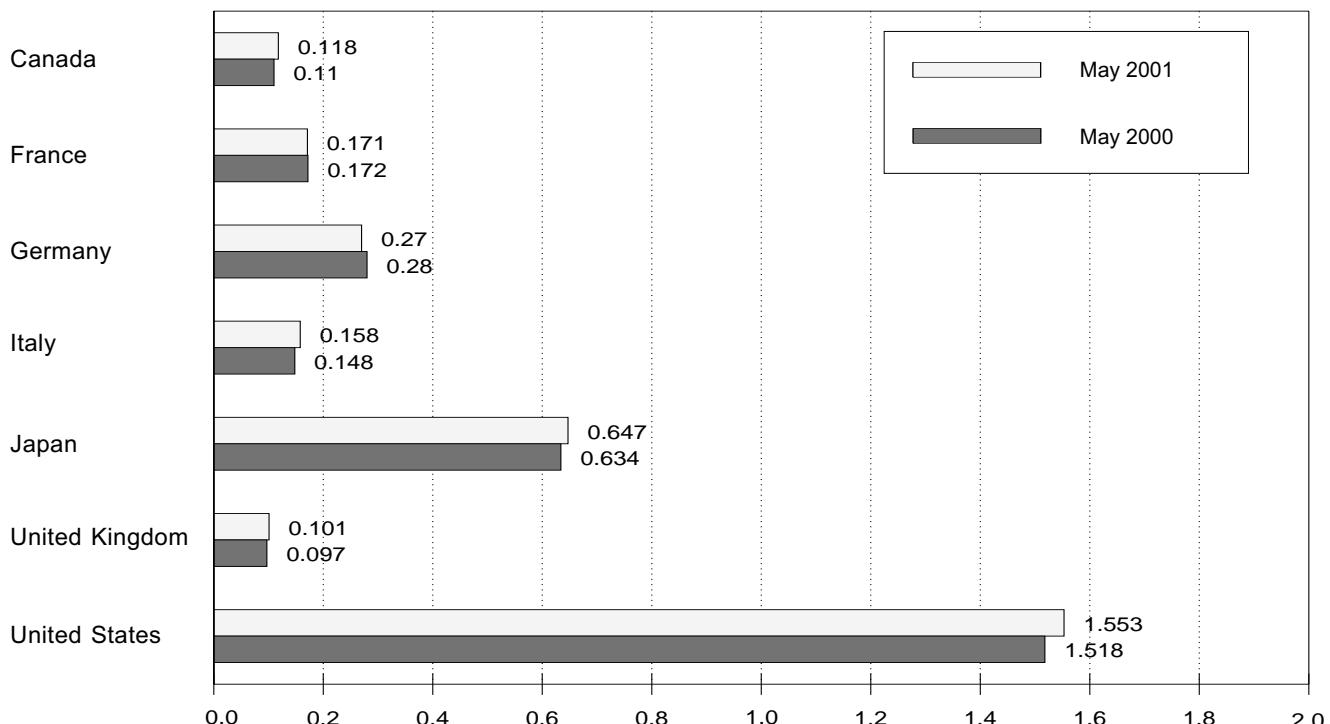
Overview, End of Year, 1973-2000



OECD Stocks, End of Month, May



By Selected Country, End of Month



Notes: • OECD is the Organization for Economic Cooperation and Development.

• Because vertical scales differ, graphs should not be compared.

Source: Table 10.3.

**Table 10.3 Petroleum Stocks in OECD Countries**  
(Million Barrels)

	Canada	France	Germany <sup>a</sup>	Italy	Japan	United Kingdom	United States	OECD Europe <sup>b</sup>	Other OECD <sup>c</sup>	OECD <sup>d</sup>
1973 Year .....	140	201	181	152	303	156	1,008	1,070	67	2,588
1974 Year .....	145	249	213	167	370	191	1,074	1,227	64	2,880
1975 Year .....	174	225	187	143	375	165	1,133	1,154	67	2,903
1976 Year .....	153	234	208	143	380	165	1,112	1,205	68	2,918
1977 Year .....	167	239	225	161	409	148	1,312	1,268	68	3,224
1978 Year .....	144	201	238	154	413	157	1,278	1,219	68	3,122
1979 Year .....	150	226	272	163	460	169	1,341	1,353	75	3,379
1980 Year .....	164	243	319	170	495	168	1,392	1,464	72	3,587
1981 Year .....	161	214	297	167	482	143	1,484	1,337	67	3,531
1982 Year .....	136	193	272	179	484	125	1,430	1,258	68	3,376
1983 Year .....	121	153	249	149	470	118	1,454	1,142	68	3,255
1984 Year .....	128	152	239	159	479	112	1,556	1,130	69	3,362
1985 Year .....	113	139	233	157	494	123	1,519	1,092	66	3,284
1986 Year .....	111	127	252	155	509	124	1,593	1,133	72	3,418
1987 Year .....	126	127	259	169	540	121	1,607	1,130	71	3,474
1988 Year .....	116	140	266	155	538	112	1,597	1,118	71	3,440
1989 Year .....	114	138	271	164	577	118	1,581	1,133	71	3,476
1990 Year .....	121	140	265	172	590	112	1,621	1,163	73	3,568
1991 Year .....	119	153	288	160	606	119	1,617	1,181	65	3,588
1992 Year .....	107	146	310	174	603	113	1,592	1,219	67	3,588
1993 Year .....	105	158	309	163	618	118	1,647	1,221	69	3,661
1994 Year .....	119	158	312	164	645	115	1,653	1,240	69	3,726
1995 Year .....	109	159	301	162	630	107	1,563	1,228	71	3,601
1996 Year .....	103	158	300	152	651	108	1,507	1,256	74	3,591
1997 Year .....	115	164	298	147	685	104	1,560	1,255	74	3,689
1998 Year .....	118	161	321	153	649	108	1,647	1,303	66	3,784
1999 January .....	118	181	329	154	645	110	1,642	1,364	72	3,841
February .....	118	175	320	146	633	109	1,635	1,323	74	3,783
March .....	120	179	306	149	634	109	1,620	1,308	71	3,754
April .....	119	173	316	153	636	110	1,624	1,333	75	3,787
May .....	120	182	317	154	637	106	1,658	1,342	74	3,829
June .....	118	177	310	146	638	102	1,642	1,304	73	3,776
July .....	115	174	313	145	645	103	1,644	1,310	76	3,790
August .....	114	178	307	151	661	108	1,622	1,324	78	3,799
September .....	114	173	300	150	652	105	1,615	1,289	77	3,747
October .....	118	169	295	151	658	105	1,585	1,288	73	3,723
November .....	116	169	290	150	659	103	1,571	1,257	76	3,678
December .....	108	163	287	148	629	104	1,493	1,232	69	3,530
2000 January .....	108	166	297	153	622	104	1,477	1,228	69	3,504
February .....	108	167	288	149	613	106	1,466	1,220	72	3,480
March .....	110	170	285	154	606	106	1,476	1,243	66	3,501
April .....	112	171	281	152	618	104	1,505	1,200	69	3,505
May .....	110	172	280	148	634	97	1,518	1,188	72	3,522
June .....	111	174	278	152	632	99	1,526	1,224	71	3,563
July .....	117	171	280	150	639	105	1,540	1,218	77	3,590
August .....	117	171	274	153	639	101	1,532	1,212	66	3,566
September .....	116	172	274	156	627	99	1,527	1,245	76	3,591
October .....	114	170	276	160	642	102	1,507	1,217	71	3,550
November .....	116	171	272	162	645	100	1,505	1,223	77	3,565
December .....	112	174	271	157	634	103	1,468	1,259	70	3,542
2001 January .....	113	168	273	163	628	99	1,477	1,227	71	3,516
February .....	R 111	172	275	159	620	101	1,471	R 1,229	71	3,502
March .....	113	171	270	163	636	103	1,477	1,255	70	3,551
April .....	R 116	171	270	158	646	100	1,517	R 1,218	69	R 3,566
May .....	118	171	270	158	647	101	1,553	1,220	68	3,605

<sup>a</sup> Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

<sup>b</sup> "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

<sup>c</sup> "Other OECD" consists of Australia, New Zealand, and the U.S. Territories.

<sup>d</sup> The Organization for Economic Cooperation and Development (OECD) consists of Canada, Japan, the United States, "OECD Europe" and "Other OECD."

R=Revised.

Notes: • Stocks are at end of period. • Petroleum stocks include crude oil (including strategic reserves), unfinished oils, natural gas plant liquids, and refined products. Petroleum stocks include all nonmilitary petroleum held for

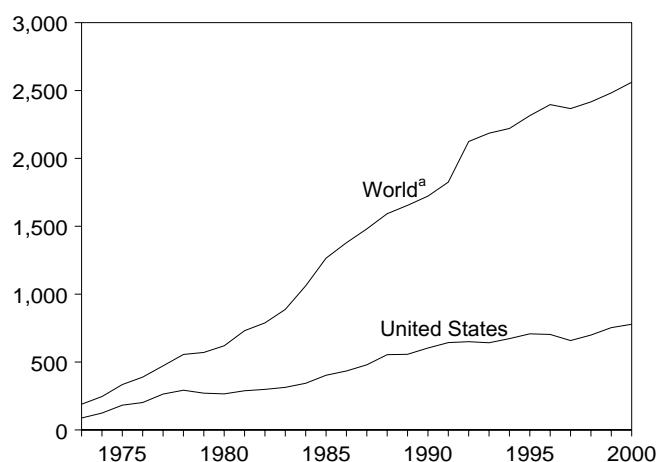
storage, regardless of ownership, within each country in bulk terminals, refinery tanks, pipeline tankage, intercoastal tankers, tankers in port, and inland ship bunkers. Data exclude oil held in pipelines (except for those in the United States), rail and truck cars, sea-going ships' bunkers, service stations, retail stores, and tankers at sea. • In the United States in January 1975, 1981, and 1983, numerous respondents were added to bulk terminal and pipeline surveys, thereby affecting subsequent stocks reported. New-basis end-of-year U.S. stocks, in million barrels, would have been 1,121 in 1974, 1,425 in 1980, and 1,461 in 1982. • Data through 1996 are final. Subsequent data are preliminary. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: • **United States:** Table 3.1a. • **All Other Data:** International Energy Agency, quarterly and monthly computer tapes supporting *Quarterly Oil Statistics and Energy Balances*.

## Figure 10.5 Nuclear Electricity Gross Generation

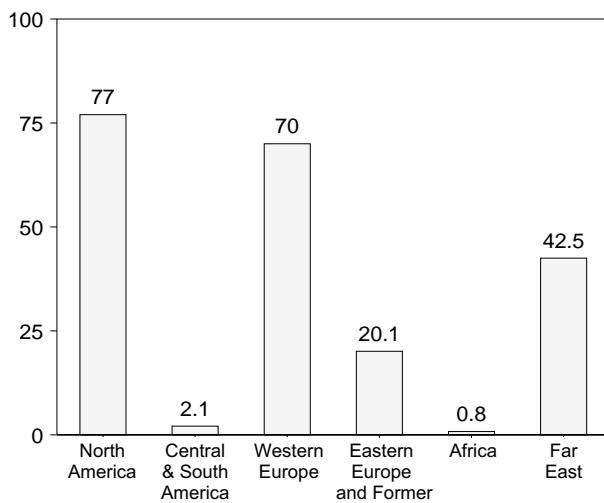
(Billion Kilowatthours)

U.S. and World, 1973-2000

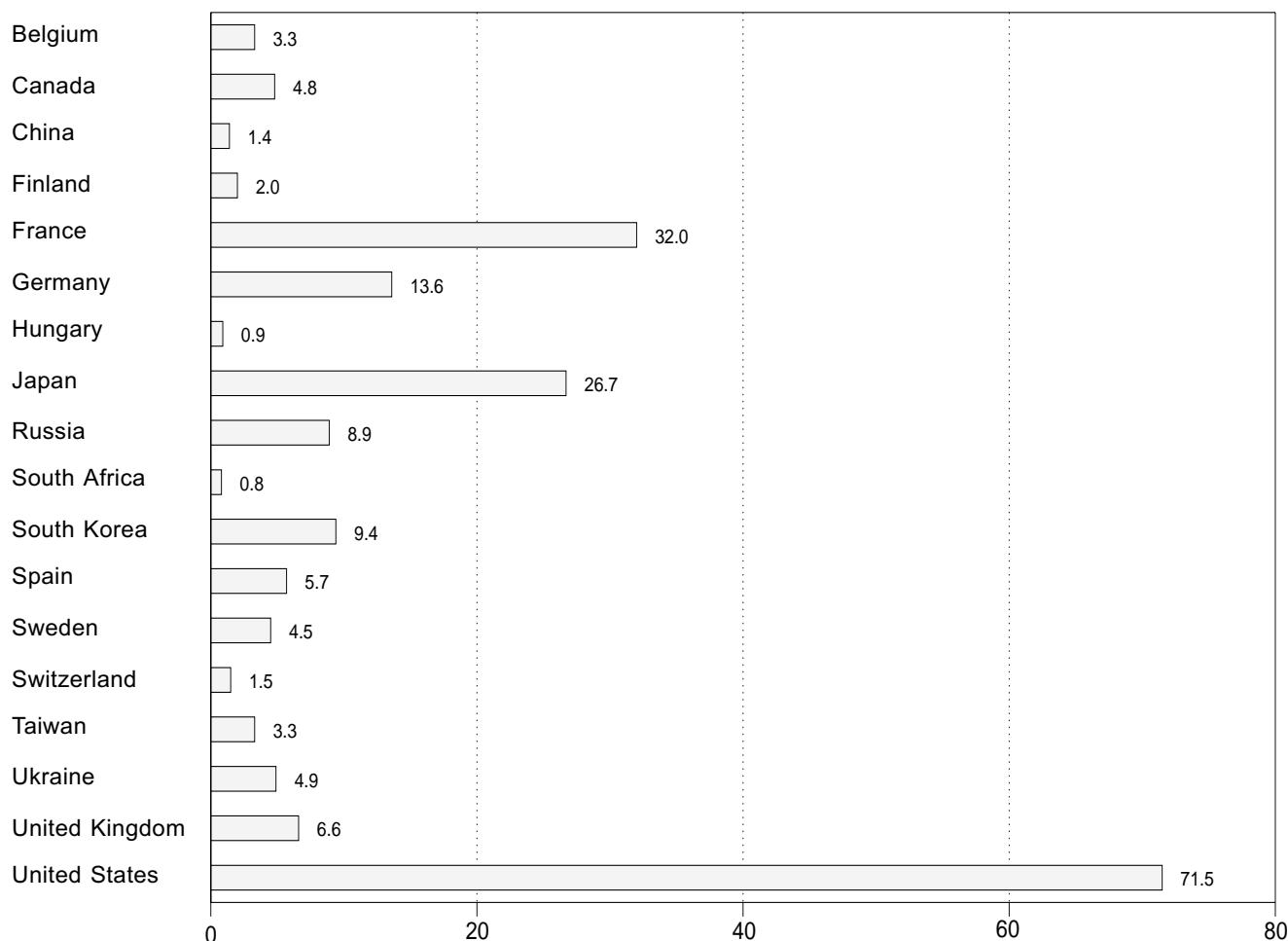


<sup>a</sup>Eastern Europe and the Former U.S.S.R. are included beginning in 1992.

By Region, July 2001



By Selected Country, July 2001



Note: Because vertical scales differ, graphs should not be compared.  
Sources: Tables 10.4a-10.4e.

**Table 10.4a Nuclear Electricity Gross Generation: Regions and World**  
(Billion Kilowatthours)

	North America	Central and South America	Western Europe <sup>a</sup>	Eastern Europe and Former U.S.S.R. <sup>a</sup>	Africa	Far East <sup>a</sup>	World <sup>a,b</sup>
1973 Total .....	103.1	—	73.9	NA	—	12.3	189.3
1974 Total .....	139.7	1.0	83.9	NA	—	21.4	246.0
1975 Total .....	195.5	2.5	111.7	NA	—	24.4	334.1
1976 Total .....	219.8	2.6	126.2	NA	—	40.3	388.9
1977 Total .....	290.8	1.6	148.1	NA	—	31.5	472.0
1978 Total .....	325.4	2.9	166.9	NA	—	60.6	555.9
1979 Total .....	309.0	2.7	184.3	NA	—	74.7	570.7
1980 Total .....	305.8	2.3	214.2	NA	—	97.4	619.8
1981 Total .....	331.8	2.8	293.4	NA	—	102.9	730.9
1982 Total .....	341.2	1.9	321.8	NA	—	123.6	788.5
1983 Total .....	366.6	3.6	377.2	NA	—	140.1	887.5
1984 Total .....	397.6	6.6	485.4	NA	4.2	167.7	1,061.5
1985 Total .....	465.6	9.1	582.8	NA	5.9	202.0	1,265.4
1986 Total .....	508.8	5.8	631.5	NA	9.3	223.6	1,378.9
1987 Total .....	560.1	6.2	648.3	NA	6.6	259.5	1,480.7
1988 Total .....	639.7	5.5	688.1	NA	11.1	248.5	1,592.8
1989 Total .....	640.2	6.6	732.2	NA	11.7	263.4	1,654.1
1990 Total .....	681.3	9.4	738.6	NA	8.9	284.3	1,722.5
1991 Total .....	733.4	9.2	769.7	NA	9.7	303.3	1,825.2
1992 Total .....	735.2	8.8	787.8	E 267.5	9.9	315.2	<sup>b</sup> E 2,124.5
1993 Total .....	744.6	8.1	820.9	E 259.0	7.7	E 345.2	E 2,185.6
1994 Total .....	787.3	8.2	820.2	E 227.8	10.3	E 366.7	E 2,220.4
1995 Total .....	816.1	9.6	E 835.7	E 234.9	11.9	E 407.0	E 2,315.1
1996 Total .....	806.4	9.8	E 879.5	E 261.6	12.5	E 426.4	E 2,396.3
1997 Total .....	E 752.8	11.1	E 886.5	E 247.1	13.3	E 456.2	E 2,367.0
1998 Total .....	E 781.0	10.8	E 884.2	E 248.9	14.3	E 477.2	E 2,416.4
<b>1999</b> January .....	E 74.4	E 1.2	E 84.7	E 27.4	.9	E 40.7	E 229.3
February .....	E 66.2	1.1	E 75.0	E 24.8	.8	E 35.7	E 203.5
March .....	E 69.0	1.1	E 79.0	E 26.8	1.4	40.6	E 218.0
April .....	E 59.9	1.1	E 71.8	E 22.6	1.4	E 39.2	E 195.9
May .....	E 63.2	.8	66.5	E 20.2	1.2	E 37.7	E 189.7
June .....	E 68.6	.7	E 67.1	E 18.7	1.3	E 36.2	E 192.6
July .....	E 74.5	E .7	E 66.3	E 19.2	1.3	E 41.3	E 203.3
August .....	E 76.9	.8	E 66.6	E 19.2	1.2	E 43.3	E 208.0
September .....	E 70.9	.7	E 68.1	E 19.5	.9	E 40.1	E 200.3
October .....	E 66.1	.8	E 74.1	E 19.8	.7	E 40.6	E 202.1
November .....	E 69.6	1.0	E 77.1	E 21.6	1.2	E 41.4	E 212.0
December .....	E 78.0	1.1	E 81.7	E 24.6	1.3	E 41.1	E 228.0
Total .....	E 837.3	E 11.1	E 878.1	E 264.7	13.5	E 478.0	E 2,482.6
<b>2000</b> January .....	E 77.7	1.2	E 82.0	E 27.3	1.3	E 40.8	E 230.3
February .....	E 70.4	1.1	E 76.6	E 25.8	1.3	E 37.9	E 213.0
March .....	E 69.7	.9	E 80.5	E 26.5	1.1	E 42.9	E 221.7
April .....	E 63.6	E .8	E 72.6	E 21.7	.8	E 41.6	E 201.2
May .....	E 69.9	.5	E 69.6	E 20.9	.7	E 41.5	E 203.2
June .....	E 73.8	.7	E 68.7	E 22.0	1.2	E 40.5	E 206.8
July .....	E 79.1	.8	E 66.5	E 20.7	1.3	E 43.7	E 212.1
August .....	E 76.5	E 1.0	E 66.6	E 19.3	1.1	E 43.4	E 207.9
September .....	E 69.2	.8	E 70.1	E 23.9	1.2	E 39.6	E 204.8
October .....	E 63.2	.8	E 77.6	E 25.5	1.4	E 40.2	E 208.7
November .....	E 68.5	1.6	E 78.7	E 25.3	1.2	E 41.8	E 217.1
December .....	E 78.5	1.4	E 83.5	E 26.3	1.1	E 43.2	E 234.0
Total .....	E 860.3	E 11.5	E 893.1	E 285.3	13.6	E 497.1	E 2,560.9
<b>2001</b> January .....	E 80.0	1.5	E 82.3	E 27.2	.8	E 41.4	E 233.2
February .....	E 72.6	1.6	E 75.2	E 26.5	.6	E 39.4	E 215.9
March .....	E 73.2	1.8	E 77.3	E 26.8	1.1	E 44.6	E 224.8
April .....	E 65.7	1.3	E 73.3	E 23.3	1.0	E 41.5	E 206.1
May .....	E 69.8	1.3	68.9	E 21.5	1.3	E 39.7	E 202.5
June .....	E 74.1	E 1.4	E 67.8	E 19.0	1.3	E 39.4	E 203.0
July .....	E 77.0	2.1	E 70.0	E 20.1	.8	E 42.5	E 212.6
7-Month Total .....	E 512.4	E 10.9	E 514.8	E 164.4	7.0	E 288.5	E 1,498.0
<b>2000 7-Month Total .....</b>	E 504.2	5.9	E 516.5	E 165.1	7.7	E 289.0	E 1,488.3
<b>1999 7-Month Total .....</b>	E 475.7	6.6	E 510.4	E 159.8	8.2	E 271.4	E 1,432.2

<sup>a</sup> Sum of available data only.

<sup>b</sup> There is a discontinuity in this time series between 1991 and 1992; beginning in 1992, includes data for Eastern Europe and the Former U.S.S.R.

NA=Not available. —=Not applicable. E=Estimate.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants

themselves. • Monthly data may not sum to annual totals due to independent rounding and because precommercial generation is included in some annual totals but not in the monthly data. • Data for regions may not sum to totals due to independent rounding.

Source: Based on data from *Nucleonics Week*, a copyrighted publication of The McGraw-Hill Publishing Companies, Inc. Used with permission.

**Table 10.4b Nuclear Electricity Gross Generation: North, Central, and South America**  
 (Billion Kilowatthours)

	North America				Central and South America		
	Canada	Mexico	United States	Total	Argentina	Brazil	Total
1973 Total .....	15.3	—	87.8	103.1	—	—	—
1974 Total .....	15.4	—	124.3	139.7	1.0	—	1.0
1975 Total .....	13.2	—	182.3	195.5	2.5	—	2.5
1976 Total .....	18.0	—	201.8	219.8	2.6	—	2.6
1977 Total .....	26.6	—	264.2	290.8	1.6	—	1.6
1978 Total .....	33.0	—	292.4	325.4	2.9	—	2.9
1979 Total .....	38.4	—	270.6	309.0	2.7	—	2.7
1980 Total .....	40.4	—	265.4	305.8	2.3	—	2.3
1981 Total .....	43.3	—	288.5	331.8	2.8	—	2.8
1982 Total .....	42.6	—	298.6	341.2	1.9	0.1	1.9
1983 Total .....	53.0	—	313.6	366.6	3.4	.2	3.6
1984 Total .....	53.8	—	343.8	397.6	4.5	2.1	6.6
1985 Total .....	62.9	—	402.7	465.6	5.8	3.4	9.1
1986 Total .....	74.6	—	434.1	508.8	5.7	.1	5.8
1987 Total .....	80.6	—	479.5	560.1	5.2	1.0	6.2
1988 Total .....	85.6	—	554.1	639.7	5.1	.3	5.5
1989 Total .....	83.2	—	557.0	640.2	5.0	1.6	6.6
1990 Total .....	75.8	2.1	603.4	681.3	7.4	2.0	9.4
1991 Total .....	86.1	4.2	643.0	733.4	7.7	1.4	9.2
1992 Total .....	81.3	3.9	650.0	735.2	7.1	1.8	8.8
1993 Total .....	97.6	4.9	642.0	744.6	7.7	.4	8.1
1994 Total .....	110.7	4.2	672.4	787.3	8.2	.0	8.2
1995 Total .....	100.4	7.9	707.7	816.1	7.1	2.5	9.6
1996 Total .....	95.2	7.9	703.3	806.4	7.4	2.4	9.8
1997 Total .....	84.1	10.4	E 658.3	E 752.8	8.0	3.2	11.1
1998 Total .....	E 72.7	9.5	E 698.7	E 781.0	7.5	3.3	10.8
<b>1999</b> January .....	6.3	.9	E 67.2	E 74.4	E .7	.4	E 1.2
February .....	E 5.7	.8	E 59.6	E 66.2	.7	.4	1.1
March .....	7.2	.9	E 60.9	E 69.0	.7	.4	1.1
April .....	6.1	.9	E 52.9	E 59.9	.7	.3	1.1
May .....	4.7	.9	E 57.6	E 63.2	.5	.3	.8
June .....	5.5	.9	E 62.2	E 68.6	.5	.2	.7
July .....	6.1	1.0	E 67.4	E 74.5	.5	E .2	E .7
August .....	6.8	.6	E 69.5	E 76.9	.5	.3	.8
September .....	6.6	.5	E 63.8	E 70.9	.4	.3	.7
October .....	6.1	.7	E 59.3	E 66.1	.5	.3	.8
November .....	6.1	.9	E 62.7	E 69.6	.7	.3	1.0
December .....	6.7	1.0	E 70.3	E 78.0	.7	.4	1.1
<b>Total</b> .....	E 73.9	10.0	E 753.4	E 837.3	E 7.1	E 4.0	E 11.1
<b>2000</b> January .....	7.1	.7	E 69.9	E 77.7	.7	.4	1.2
February .....	6.3	.6	E 63.6	E 70.4	.7	.4	1.1
March .....	6.2	.6	E 63.0	E 69.7	.5	.4	.9
April .....	5.2	.5	E 57.9	E 63.6	E .5	.4	E .8
May .....	6.0	.5	E 63.4	E 69.9	.5	.0	.5
June .....	6.1	.6	E 67.0	E 73.8	.7	.0	.7
July .....	7.2	.8	E 71.1	E 79.1	.7	(s)	.8
August .....	6.8	.5	E 69.2	E 76.5	E .7	.2	E 1.0
September .....	5.1	.5	E 63.6	E 69.2	.4	.4	.8
October .....	5.0	1.0	E 57.3	E 63.2	.3	.5	.8
November .....	5.9	.9	E 61.7	E 68.5	.5	1.1	1.6
December .....	7.0	1.0	E 70.6	E 78.5	.2	1.2	1.4
<b>Total</b> .....	E 73.8	8.2	E 778.3	E 860.3	E 6.3	5.2	E 11.5
<b>2001</b> January .....	7.5	1.0	E 71.4	E 80.0	.5	1.0	1.5
February .....	E 7.4	.8	E 64.4	E 72.6	.4	1.1	1.6
March .....	E 7.1	1.0	E 65.1	E 73.2	.5	1.3	1.8
April .....	5.3	.9	E 59.5	E 65.7	.5	.8	1.3
May .....	4.5	.4	E 64.9	E 69.8	.5	.8	1.3
June .....	4.3	.5	E 69.4	E 74.1	.5	E .8	E 1.4
July .....	4.8	.7	E 71.5	E 77.0	.7	1.4	2.1
<b>7-Month Total</b> .....	E 41.0	5.2	E 466.3	E 512.4	3.6	E 7.3	E 10.9
<b>2000 7-Month Total</b> .....	44.0	4.3	E 455.9	E 504.2	4.3	1.6	5.9
<b>1999 7-Month Total</b> .....	41.6	6.3	E 427.8	E 475.7	4.3	2.3	6.6

=Not applicable. E=Estimate. (s)=Less than 0.05 billion kilowatthours.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants themselves. • Monthly data may not sum to annual totals due to independent rounding and because precommercial generation is included in

some annual totals but not in the monthly data. • Data for countries may not sum to regional totals due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Source: Based on data from *Nucleonics Week*, a copyrighted publication of The McGraw-Hill Publishing Companies, Inc. Used with permission.

**Table 10.4c Nuclear Electricity Gross Generation: Western Europe**  
(Billion Kilowatthours)

	Western Europe											
	Belgium	Finland	France	Germany <sup>a</sup>	Italy <sup>b</sup>	Netherlands	Slovenia	Spain	Sweden	Switzerland	United Kingdom <sup>c</sup>	Total <sup>d</sup>
1973 Total .....	0.0	—	14.7	11.9	3.1	1.1	—	6.5	2.1	6.2	28.2	73.9
1974 Total .....	.1	—	14.7	12.0	3.4	3.3	—	7.2	2.3	7.0	33.8	83.9
1975 Total .....	6.8	—	18.3	21.7	3.8	3.3	—	7.5	12.0	7.7	30.5	111.7
1976 Total .....	10.0	—	15.8	24.5	3.8	3.9	—	7.6	16.0	7.9	36.8	126.2
1977 Total .....	11.9	2.7	17.9	36.0	3.4	3.7	—	6.5	19.9	8.1	38.1	148.1
1978 Total .....	12.5	3.3	30.6	35.7	4.5	4.1	—	7.6	23.8	8.3	36.6	166.9
1979 Total .....	11.4	6.7	39.9	42.2	2.6	3.5	—	6.7	21.0	11.8	38.5	184.3
1980 Total .....	12.5	7.0	61.2	43.7	2.2	4.2	—	5.2	26.7	14.3	37.2	214.2
1981 Total .....	12.8	14.5	105.2	53.4	2.7	3.7	—	9.4	37.7	15.2	38.9	293.4
1982 Total .....	15.6	16.5	108.9	63.4	6.8	3.9	—	8.8	38.8	15.0	44.1	321.8
1983 Total .....	24.1	17.4	144.2	65.8	5.8	3.6	NA	10.7	40.4	15.5	49.6	377.2
1984 Total .....	27.7	18.5	191.2	92.6	6.9	3.8	NA	23.1	51.3	16.3	54.1	485.4
1985 Total .....	34.5	18.8	224.0	125.8	7.0	3.9	NA	28.0	58.6	22.4	59.7	582.8
1986 Total .....	38.6	18.8	254.3	118.9	8.7	4.2	NA	37.5	69.9	22.5	58.2	631.5
1987 Total .....	41.9	19.4	265.5	130.2	.2	3.6	NA	41.2	67.2	23.0	56.2	648.3
1988 Total .....	43.1	19.3	274.9	145.2	.0	3.7	NA	50.4	69.4	22.7	59.4	688.1
1989 Total .....	41.2	18.8	302.5	149.6	.0	4.0	NA	56.1	65.6	22.8	71.6	732.2
1990 Total .....	42.7	18.9	314.1	147.2	.0	3.4	NA	54.3	68.2	23.6	66.1	738.6
1991 Total .....	42.9	19.2	331.4	147.3	.0	3.3	NA	55.6	76.8	22.9	70.4	769.7
1992 Total .....	43.5	19.0	337.6	158.8	.0	3.8	4.0	55.8	63.5	23.4	78.5	787.8
1993 Total .....	41.9	19.6	366.7	153.5	.0	3.9	4.0	56.1	61.4	23.3	90.4	820.9
1994 Total .....	40.6	19.1	359.1	151.1	.0	4.0	4.6	55.1	72.8	24.2	89.5	820.2
1995 Total .....	41.4	18.9	377.6	154.3	.0	4.0	4.8	54.5	69.9	24.8	E 85.5	E 835.7
1996 Total .....	43.3	19.5	397.0	161.7	.0	4.2	4.6	59.1	76.2	25.0	E 88.8	E 879.5
1997 Total .....	47.4	20.9	389.3	170.4	.0	3.1	5.4	55.4	E 70.6	25.3	E 98.8	E 886.5
1998 Total .....	46.1	21.9	384.4	161.0	.0	3.8	5.3	E 58.6	73.8	25.7	E 103.7	E 884.2
1999 January .....	4.5	2.1	38.0	15.1	.0	.4	.5	5.4	7.6	2.4	E 8.8	E 84.7
February .....	4.0	1.9	33.6	13.1	.0	.3	.4	4.1	6.9	2.2	E 8.3	E 75.0
March .....	4.4	2.1	34.3	14.2	.0	.4	.4	4.2	E 7.5	2.3	9.3	E 79.0
April .....	3.8	2.0	31.5	14.0	.0	.3	.0	3.7	6.7	2.1	E 7.7	E 71.8
May .....	4.2	1.6	26.6	12.8	.0	.4	.1	5.1	5.9	2.3	7.6	66.5
June .....	3.9	1.9	E 26.6	13.4	.0	.3	.4	4.7	E 5.2	2.0	8.8	E 67.1
July .....	3.8	1.9	30.0	E 13.4	.0	.3	.5	4.9	3.7	1.2	6.5	E 66.3
August .....	3.8	1.7	29.1	13.5	.0	.3	.5	5.5	4.3	1.1	E 7.0	E 66.6
September .....	3.5	1.7	29.5	E 13.5	.0	.1	.5	4.9	4.8	1.9	7.7	E 68.1
October .....	4.3	2.1	31.7	E 13.5	.0	.4	.5	5.3	7.0	2.3	7.1	E 74.1
November .....	4.3	2.0	32.4	15.1	.0	.3	.5	5.5	7.3	2.4	7.3	E 77.1
December .....	4.5	2.1	34.2	16.2	.0	.4	.5	5.6	7.7	2.5	E 8.1	E 81.7
<b>Total .....</b>	<b>49.0</b>	<b>23.0</b>	<b>E 377.4</b>	<b>E 167.8</b>	<b>.0</b>	<b>3.8</b>	<b>4.7</b>	<b>58.9</b>	<b>E 74.5</b>	<b>24.8</b>	<b>E 94.1</b>	<b>E 878.1</b>
2000 January .....	4.3	2.1	E 36.2	15.8	.0	.4	.5	E 5.6	7.1	2.5	7.5	E 82.0
February .....	3.2	1.9	E 35.3	13.9	.0	.3	.5	5.3	6.8	2.3	7.0	E 76.6
March .....	4.1	2.1	E 37.4	13.3	.0	.3	E .5	5.2	6.5	2.5	8.6	E 80.5
April .....	3.7	1.9	E 34.0	12.9	.0	.3	E .5	4.7	5.3	2.4	E 6.9	E 72.6
May .....	3.9	1.5	E 32.8	13.9	.0	.4	.0	5.1	3.3	E 2.4	E 6.4	E 69.6
June .....	E 3.6	1.8	E 32.8	12.3	.0	.3	.2	5.5	3.0	2.3	7.0	E 68.7
July .....	3.5	1.8	E 31.0	14.0	.0	.4	.5	5.6	2.1	1.4	6.2	E 66.5
August .....	4.0	1.5	E 31.7	13.2	.0	.3	.5	5.2	2.6	1.1	6.5	E 66.6
September .....	E 4.1	1.7	E 33.2	E 13.2	.0	.3	.4	4.2	4.1	2.1	6.9	E 70.1
October .....	4.5	2.0	E 35.9	15.3	.0	.2	.5	4.6	5.1	2.5	7.0	E 77.6
November .....	4.4	2.0	E 36.5	14.9	.0	.3	.5	5.3	5.4	2.4	E 7.0	E 78.7
December .....	4.5	2.1	E 38.4	15.6	.0	.4	.5	5.8	5.8	2.5	7.9	E 83.5
<b>Total .....</b>	<b>E 47.8</b>	<b>22.5</b>	<b>E 415.2</b>	<b>E 168.3</b>	<b>.0</b>	<b>3.9</b>	<b>E 5.0</b>	<b>E 62.0</b>	<b>57.2</b>	<b>E 26.3</b>	<b>E 84.9</b>	<b>E 893.1</b>
2001 January .....	4.5	2.1	E 36.3	15.9	.0	.4	.5	5.7	7.0	2.5	7.5	E 82.3
February .....	3.9	1.9	E 33.5	14.1	.0	.3	.5	5.0	E 6.6	2.3	E 7.1	E 75.2
March .....	3.4	2.0	E 33.5	15.3	.0	.4	.5	4.9	6.9	2.5	E 7.8	E 77.3
April .....	3.7	2.0	E 32.2	13.9	.0	.3	.4	4.8	6.2	2.4	E 7.4	E 73.3
May .....	3.5	1.5	29.8	13.2	.0	.4	.1	5.8	5.8	2.5	6.5	68.9
June .....	E 3.5	2.0	E 29.8	12.9	.0	.3	.2	5.3	E 4.9	2.2	6.6	E 67.8
July .....	3.3	2.0	E 32.0	13.6	.0	.3	.5	5.7	4.5	1.5	E 6.6	E 70.0
<b>7-Month Total .....</b>	<b>E 25.8</b>	<b>13.4</b>	<b>E 227.2</b>	<b>98.9</b>	<b>.0</b>	<b>2.4</b>	<b>2.8</b>	<b>37.1</b>	<b>E 41.8</b>	<b>15.9</b>	<b>E 49.6</b>	<b>E 514.8</b>
<b>2000 7-Month Total .....</b>	<b>26.4</b>	<b>13.1</b>	<b>E 239.6</b>	<b>96.1</b>	<b>.0</b>	<b>2.4</b>	<b>2.6</b>	<b>36.9</b>	<b>E 34.2</b>	<b>15.7</b>	<b>E 49.6</b>	<b>E 516.5</b>
<b>1999 7-Month Total .....</b>	<b>28.7</b>	<b>13.5</b>	<b>E 220.5</b>	<b>96.0</b>	<b>.0</b>	<b>2.4</b>	<b>2.3</b>	<b>32.1</b>	<b>E 43.5</b>	<b>14.6</b>	<b>E 56.9</b>	<b>E 510.4</b>

<sup>a</sup> Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data for Germany are for the unified Germany, i.e., the former East Germany and West Germany.

<sup>b</sup> In 1987, Italy's citizens voted for a nuclear power moratorium, which shut down their nuclear power plants indefinitely.

<sup>c</sup> Monthly data for the United Kingdom are totals for 4- or 5-week reporting periods, not calendar months.

<sup>d</sup> Sum of available data only.

NA=Not available. —=Not applicable. E=Estimate. (s)=Less than 0.05 billion kilowatthours.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants themselves.

• Monthly data may not sum to annual totals due to independent rounding and because precommercial generation is included in some annual totals but not in the monthly data. • Data for countries may not sum to regional totals due to independent rounding.

Source: Based on data from *Nucleonics Week*, a copyrighted publication of The McGraw-Hill Publishing Companies, Inc., used with permission, except for France's 2000 values, which are from the Ministry of Industry, General Directorate for Energy and Raw Material, France.

**Table 10.4d Nuclear Electricity Gross Generation: Eastern Europe and Former U.S.S.R.**

(Billion Kilowatthours)

	Eastern Europe and Former U.S.S.R.										
	Armenia <sup>a</sup>	Bulgaria	Czech Republic <sup>b</sup>	Hungary	Kazakhstan <sup>b</sup>	Lithuania <sup>b</sup>	Romania	Russia	Slovakia <sup>b</sup>	Ukraine	Total <sup>c</sup>
1973 Total .....	—	—	—	—	NA	—	—	NA	NA	—	NA
1974 Total .....	—	NA	—	—	NA	—	—	NA	NA	—	NA
1975 Total .....	—	NA	—	—	NA	—	—	NA	NA	—	NA
1976 Total .....	—	NA	—	—	NA	—	—	NA	NA	—	NA
1977 Total .....	—	NA	—	—	NA	—	—	NA	NA	—	NA
1978 Total .....	—	NA	—	—	NA	—	—	NA	NA	NA	NA
1979 Total .....	—	NA	—	—	NA	—	—	NA	NA	NA	NA
1980 Total .....	—	NA	—	—	NA	—	—	NA	NA	NA	NA
1981 Total .....	—	NA	—	—	NA	—	—	NA	NA	NA	NA
1982 Total .....	—	NA	—	—	NA	—	—	NA	NA	NA	NA
1983 Total .....	—	NA	—	NA	NA	—	—	NA	NA	NA	NA
1984 Total .....	—	NA	—	NA	NA	—	—	NA	NA	NA	NA
1985 Total .....	—	NA	NA	NA	NA	—	—	NA	NA	NA	NA
1986 Total .....	—	NA	NA	NA	NA	—	—	NA	NA	NA	NA
1987 Total .....	—	NA	NA	NA	NA	—	—	NA	NA	NA	NA
1988 Total .....	—	NA	NA	NA	NA	—	—	NA	NA	NA	NA
1989 Total .....	—	NA	NA	NA	NA	—	—	NA	NA	NA	NA
1990 Total .....	—	NA	NA	NA	NA	—	—	NA	NA	NA	NA
1991 Total .....	—	NA	NA	NA	NA	—	—	NA	NA	NA	NA
1992 Total .....	—	E 12.2	E 12.9	E 13.8	E .5	E 16.4	—	E 125.6	E 11.7	E 74.6	E 267.5
1993 Total .....	—	14.0	E 13.2	13.8	E .4	E 12.9	—	120.4	E 11.6	E 72.7	E 259.0
1994 Total .....	—	14.9	E 12.7	14.0	E .4	E 7.0	—	97.7	E 12.7	68.4	E 227.8
1995 Total .....	—	17.2	E 12.8	14.0	E .4	E 9.7	—	98.3	E 12.0	70.4	E 234.9
1996 Total .....	NA	18.7	E 13.5	14.2	E .1	E 13.6	E 1.0	108.8	E 11.8	80.0	E 261.6
1997 Total .....	1.4	E 15.5	.0	14.0	E .3	12.1	3.9	108.1	11.0	80.8	E 247.1
1998 Total .....	1.6	E 19.2	E 7.6	13.9	NA	13.5	5.1	103.7	10.3	E 74.0	E 248.9
1999 January .....	.2	E 1.9	NA	1.3	NA	1.3	.5	12.3	.9	7.7	E 27.4
February .....	.3	E 1.9	NA	1.2	NA	1.1	.5	10.7	.8	7.2	E 24.8
March .....	.3	E 1.9	NA	1.1	NA	1.0	.5	11.7	.9	8.0	E 26.8
April .....	.3	E 1.9	NA	1.1	NA	.5	.5	10.2	.8	6.4	E 22.6
May .....	.3	E 1.9	1.0	1.1	.0	.6	.5	8.1	.9	5.8	E 20.2
June .....	.3	E 1.9	1.0	1.0	.0	.3	.5	7.6	.8	5.2	E 18.7
July .....	.2	1.9	1.0	1.0	.0	.7	E .5	8.8	.8	4.4	E 19.2
August .....	.2	E 1.0	.9	1.0	.0	.8	.5	8.9	.8	5.1	E 19.2
September .....	.1	E 1.0	1.0	1.1	.0	.9	.5	8.7	.9	5.4	E 19.5
October .....	.0	E 1.0	1.2	1.4	.0	1.0	(s)	8.7	1.0	5.6	E 19.8
November .....	.0	E 1.0	1.3	E 1.4	.0	.9	.1	10.9	.9	5.1	E 21.6
December .....	.2	E 1.5	1.2	1.4	.0	.9	.5	11.4	1.1	6.3	E 24.6
Total .....	E 2.4	E 19.0	13.4	E 14.2	NA	9.9	E 5.2	118.0	10.5	72.2	E 264.7
2000 January .....	.3	E 1.5	E 1.2	1.4	.0	.9	.5	13.2	1.1	7.2	E 27.3
February .....	.3	E 1.5	1.2	1.3	.0	.6	.5	12.3	1.3	6.7	E 25.8
March .....	.3	E 1.8	1.1	1.1	.0	.7	.5	12.9	1.3	6.7	E 26.5
April .....	.3	E 1.8	1.0	1.0	.0	.5	.5	9.8	1.0	5.8	E 21.7
May .....	.3	E 1.8	1.0	1.0	.0	.5	.5	9.2	1.1	5.4	E 20.9
June .....	.3	E 1.8	1.0	1.0	.0	.7	.5	9.5	1.4	5.9	E 22.0
July .....	.0	E 1.8	1.1	1.0	.0	.6	.4	8.5	1.3	6.0	E 20.7
August .....	.0	E 1.8	E 1.1	.9	.0	.7	.4	9.8	1.3	E 3.2	E 19.3
September .....	.0	E 1.8	E 1.1	1.3	.0	.9	E .5	10.1	1.5	6.7	E 23.9
October .....	.0	E 1.8	1.2	1.4	.0	.8	.1	10.8	1.6	7.7	E 25.5
November .....	(s)	E 1.8	1.3	1.3	.0	E .8	.5	10.6	1.7	7.3	E 25.3
December .....	.3	E 1.8	1.3	1.4	.0	.9	.4	12.2	1.7	6.1	E 26.3
Total .....	E 1.9	E 21.3	E 13.8	14.2	.0	E 8.7	E 5.5	128.9	16.2	E 74.8	E 285.3
2001 January .....	.3	E 1.8	1.3	1.4	.0	.8	.5	12.5	1.5	7.0	E 27.2
February .....	.2	E 1.8	E 1.3	1.3	.0	.9	.4	11.7	1.7	7.1	E 26.5
March .....	.2	E 1.8	1.2	1.2	.0	.6	.5	12.4	1.3	7.5	E 26.8
April .....	.2	E 1.8	1.0	1.1	.0	.5	.5	10.4	1.2	6.6	E 23.3
May .....	.3	E 1.8	1.0	1.1	.0	.6	.5	9.6	1.2	5.4	E 21.5
June .....	.2	NA	1.0	1.1	.0	.7	E .5	9.5	1.3	4.7	E 19.0
July .....	.1	NA	1.0	.9	.0	.8	.5	8.9	1.3	4.9	E 20.1
7-Month Total .....	E 1.6	E 10.9	E 7.9	8.1	NA	4.9	E 3.5	74.9	9.4	43.2	E 164.4
2000 7-Month Total .....	1.6	E 12.2	7.7	7.8	.0	4.7	3.5	75.4	8.4	43.7	E 165.1
1999 7-Month Total .....	1.8	E 13.5	7.8	7.9	NA	5.4	3.6	69.4	5.9	44.7	E 159.8

<sup>a</sup> According to EIA's *Nuclear Power Generation and Fuel Cycle Report* 1996, Armenia has two units; one came on line in November 1995 but no data are available prior to 1997, and the other is projected to come on line in 2001.

<sup>b</sup> The total gross generation estimates for Czech Republic, Kazakhstan, Lithuania, and Slovakia are calculated as 5 percent more than the annual net nuclear generation reported by the International Atomic Energy Agency and published in the Energy Information Administration annual reports—**1992 and 1993: World Nuclear Outlook** 1994, December 1994, Table 1. **1994: Nuclear Power Generation and Fuel Cycle Report** 1996, October 1996, Table 1. **1995 and 1996: Nuclear Power Generation and Fuel Cycle Report** 1997, September 1997, Table D4. **1997 forward:** Based on data from *Nucleonics Week*, a copyrighted publication of The McGraw-Hill Publishing Companies, Inc. Used with permission.

<sup>c</sup> Sum of available data only.

NA=Not available. —=Not applicable. E=Estimate. (s)=Less than 0.05 billion kilowatthours.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants themselves. • Monthly data may not sum to annual totals due to independent rounding and because precommercial generation is included in some annual totals but not in the monthly data. • Data for countries may not sum to regional totals due to independent rounding.

Source: • **Czech Republic, Kazakhstan, Lithuania, Slovakia, and Eastern European Countries:** See footnote b. • **All Other:** Based on data from *Nucleonics Week*, a copyrighted publication of The McGraw-Hill Publishing Companies, Inc. Used with permission.

**Table 10.4e Nuclear Electricity Gross Generation: Africa and Far East**  
(Billion Kilowatthours)

	Africa	Far East						Total <sup>c</sup>
	South Africa <sup>a</sup>	China <sup>b</sup>	India	Japan	Pakistan	South Korea	Taiwan	
1973 Total .....	—	—	2.5	9.4	0.5	—	—	12.3
1974 Total .....	—	—	1.9	18.9	.6	—	—	21.4
1975 Total .....	—	—	2.5	21.3	.5	—	—	24.4
1976 Total .....	—	—	3.2	36.6	.5	—	—	40.3
1977 Total .....	—	—	2.8	28.2	.3	0.1	0.1	31.5
1978 Total .....	—	—	2.3	53.1	.2	2.3	2.7	60.6
1979 Total .....	—	—	3.2	62.0	(s)	3.2	6.3	74.7
1980 Total .....	—	—	2.9	82.8	.1	3.5	8.2	97.4
1981 Total .....	—	—	3.1	86.0	.2	2.9	10.7	102.9
1982 Total .....	—	—	2.2	104.5	.1	3.8	13.1	123.6
1983 Total .....	—	—	2.9	109.1	.2	9.0	18.9	140.1
1984 Total .....	4.2	—	4.1	127.2	.3	11.8	24.3	167.7
1985 Total .....	5.9	—	4.5	152.0	.3	16.5	28.7	202.0
1986 Total .....	9.3	—	5.1	164.8	.5	26.1	26.9	223.6
1987 Total .....	6.6	—	5.5	182.8	.3	37.8	33.1	259.5
1988 Total .....	11.1	—	6.1	173.6	.2	38.7	29.9	248.5
1989 Total .....	11.7	—	4.0	183.7	.1	47.2	28.3	263.4
1990 Total .....	8.9	—	6.3	191.9	.4	52.8	32.9	284.3
1991 Total .....	9.7	—	5.4	205.8	.4	56.3	35.3	303.3
1992 Total .....	9.9	—	6.3	218.0	.6	56.4	33.8	315.2
1993 Total .....	7.7	E 2.6	6.2	243.5	.4	58.1	34.3	E 345.2
1994 Total .....	10.3	E 14.2	5.0	253.8	.6	58.3	34.8	E 366.7
1995 Total .....	11.9	E 13.0	8.0	286.1	.5	64.0	35.3	E 407.0
1996 Total .....	12.5	E 14.3	8.3	293.2	.4	72.5	37.8	E 426.4
1997 Total .....	13.3	E 11.4	E 11.0	318.0	.4	78.9	36.6	E 456.2
1998 Total .....	14.3	E 14.5	E 11.2	326.9	.4	87.3	36.9	E 477.2
 1999 January .....	.9	1.2	1.2	27.4	.0	7.6	3.3	E 40.7
February .....	.8	E .6	1.0	23.8	.0	7.0	3.3	E 35.7
March .....	1.4	1.0	1.1	27.7	.0	7.9	2.9	40.6
April .....	1.4	E 1.4	1.0	26.1	.0	7.9	2.7	E 39.2
May .....	1.2	E 1.5	1.2	24.0	.0	7.8	3.2	E 37.7
June .....	1.3	E 1.4	1.2	23.1	.0	7.3	3.3	E 36.2
July .....	1.3	E 1.4	1.2	28.2	.0	7.2	3.3	E 41.3
August .....	1.2	E 1.4	.9	29.1	.0	8.2	3.7	E 43.3
September .....	.9	E 1.3	1.1	26.5	.0	8.2	3.0	E 40.1
October .....	.7	E 1.3	.9	26.5	.0	8.7	3.2	E 40.6
November .....	1.2	E .9	1.2	27.5	(s)	8.7	3.1	E 41.4
December .....	1.3	E 1.1	1.1	27.6	(s)	8.2	3.1	E 41.1
Total .....	13.5	E 14.6	13.2	317.4	.1	94.6	38.2	E 478.0
 2000 January .....	1.3	E .9	1.2	25.6	(s)	9.4	3.6	E 40.8
February .....	1.3	E .7	1.2	24.2	(s)	8.6	3.2	E 37.9
March .....	1.1	E 1.3	1.2	28.3	.1	8.9	3.1	E 42.9
April .....	.8	E 1.4	E 1.2	28.0	.1	8.3	2.6	E 41.6
May .....	.7	E 1.4	E 1.2	27.0	.1	8.8	3.1	E 41.5
June .....	1.2	E 1.4	1.2	25.9	.1	8.4	3.6	E 40.5
July .....	1.3	E 1.4	E 1.2	28.2	(s)	9.3	3.6	E 43.7
August .....	1.1	E 1.5	E 1.2	27.5	.1	9.8	3.5	E 43.4
September .....	1.2	E 1.4	1.2	24.5	(s)	9.6	2.9	E 39.6
October .....	1.4	E 1.4	1.4	25.5	.0	8.9	3.0	E 40.2
November .....	1.2	1.1	E 1.4	27.7	.0	8.8	2.8	E 41.8
December .....	1.1	E .7	E 1.6	27.3	.0	10.1	3.5	E 43.2
Total .....	13.6	E 14.7	E 14.8	319.8	.4	108.9	38.5	E 497.1
 2001 January .....	.8	E 1.0	1.6	25.0	.2	10.1	3.5	E 41.4
February .....	.6	E .7	1.6	25.0	.2	9.0	2.9	E 39.4
March .....	1.1	E .7	E 1.6	30.5	.1	9.0	2.6	E 44.6
April .....	1.0	E 1.1	E 1.6	27.4	.3	9.5	1.6	E 41.5
May .....	1.3	E 1.1	E 1.6	25.2	.2	9.1	2.5	E 39.7
June .....	1.3	E 1.1	E 1.6	24.5	.1	8.5	3.5	E 39.4
July .....	.8	1.4	E 1.6	26.7	.1	9.4	3.3	E 42.5
7-Month Total .....	7.0	E 7.3	E 11.2	184.2	1.2	64.6	20.0	E 288.5
 2000 7-Month Total .....	7.7	E 8.6	8.2	187.2	.4	61.8	22.8	E 289.0
1999 7-Month Total .....	8.2	E 8.5	7.9	180.3	.0	52.7	22.0	E 271.4

<sup>a</sup> South Africa possesses all of Africa's nuclear electricity generation.

<sup>b</sup> The total gross generation estimates for China are calculated as 5 percent more than the annual net nuclear generation reported by the International Atomic Energy Agency (IAEA) and are published in the Energy Information Administration annual reports—1993: *World Nuclear Outlook 1994*, December 1994, Table 1. 1994: *Nuclear Power Generation and Fuel Cycle Report 1996*, October 1996, Table 1. 1995 and 1996: *Nuclear Power Generation and Fuel Cycle Report 1997*, September 1997, Table D4. 1997 forward: Based on data from *Nucleonics Week*, a copyrighted publication of The McGraw-Hill Publishing Companies, Inc. Used with permission.

<sup>c</sup> Sum of available data only.

=Not applicable. E=Estimate. (s)=Less than 0.05 billion kilowatthours.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants themselves. • Monthly data may not sum to annual totals due to independent rounding and because precommercial generation is included in some annual totals but not in the monthly data. • Data for countries may not sum to regional totals due to independent rounding.

Source: • **China:** See footnote b. • **All Other:** Based on data from *Nucleonics Week*, a copyrighted publication of The McGraw-Hill Publishing Companies, Inc. Used with permission.

## Sources for Tables 10.1a and 10.1b

**United States**—See Table 3.1a.

### All Other Countries: Monthly Data

1999-forward: *Petroleum Intelligence Weekly, Oil and Gas Journal*, and other industry sources.

### All Other Countries: Annual Data

1973-1979: Energy Information Administration (EIA), *International Energy Annual 1981*, Table 8.

1980-1999: Office of Energy Markets and End Use, International Energy Database, December 2000.

2000: Average of monthly data.

### World: Monthly Data

1999-forward: EIA, *International Petroleum Monthly*, sum of all countries' monthly data.

### World: Annual Data

1973-1979: EIA, *International Energy Annual 1981*, Table 8.

1980-1999: Office of Energy Markets and End Use, International Energy Database, December 2000.

2000: Average of monthly data.